(19) World Intellectual Property Organization

International Bureau





(43) International Publication Date 7 April 2005 (07.04.2005)

PCT

(10) International Publication Number WO 2005/030888 A1

(51) International Patent Classification⁷: B41M 5/00, D21H 19/36

C09D 11/00,

(21) International Application Number:

PCT/JP2004/014558

(22) International Filing Date:

28 September 2004 (28.09.2004)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

JP 29 September 2003 (29.09.2003) 2003-336992 2003-337852 29 September 2003 (29.09.2003)

(71) Applicant (for all designated States except US): FUJI PHOTO FILM CO., LTD. [JP/JP]; 210, Nakanuma, Minami-Ashigara-shi, Kanagawa 250-0123 (JP).

(72) Inventors; and

(75) Inventors/Applicants (for US only): TAGUCHI, Toshiki [JP/JP]; c/o Fuji Photo Film Co., Ltd., 200, Onakazato, Fujinomiya-shi, Shizuoka 418-8666 (JP). NAGATA, Kozo [JP/JP]; c/o Fuji Photo Film Co., Ltd., 200, Onakazato, Fujinomiya-shi, Shizuoka 418-8666 (JP).

(74) Agents: OGURI, Shohei et al.; Eikoh Patent Office, 13th Floor, ARK Mori Building, 12-32, Akasaka 1-chome, Minato-ku, Tokyo 107-6013 (JP).

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

with international search report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: INK FOR INKJET PRINTING, INK SET FOR INKJET PRINTING, INKJET RECORDING MATERIAL AND PRO-DUCING METHOD FOR INKJET RECORDING MATERIAL, AND INKJET RECORDING METHOD.

$$R_{2}$$
 R_{3}
 R_{1}
 R_{2}
 R_{3}
 R_{3}
 R_{1}
 R_{3}

(57) Abstract: At lease one of an ink for inkjet printing and an inkjet recording material contains a compound represented by formula (A):wherein R₁, R₂, and R₃ each represents an alkyl group, an aryl group or a heterocylic group, and at least two of R₁, R₂ and R₃ are mutually connected to form a cyclic structure; L represents a divalent connecting group; and at least one of R₁, R₂, R₃ and L is a group having 8 or more carbon atoms.